

BRUHAT BANGALORE MAHANAGARA PALIKE

Office of the Executive Engineer, Rajarajeshwari Nagara Division, RR Nagara Zone, B.B.M.P., Bangalore.

Tender Notification No: EE/RRND/Tend/18/2019-20 Date: 02.03.2020

Indet No: BBMP/2019-20/BD/WORK_INDENT40609

SCHEDULE -B

Name of Work: Maintenance of Borewells and RO Plants in ward no 16

Sl.No	Qty	Description of work	Unit	In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	5.00	Atalanta suguna CRI KIRLOSKAR and other equipments pumps 10.00 HP/7.5 KV (20 stage) Complete as per the direction of Engineer in Charge with all lead and Lift.	Nos	52353.00	Rupees Fifty Two Thousand Three Hundred Fifty Three Only
2	1750.00	Providing and fixing in trenches galvanised/mild steel tube 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for seperately) including cost of all materials, labour charges, HOM of equipment and testing complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Rmtr	431.00	Rupees Four Hundred Thirty One Only
3	3550.00	Supplying and drawing 3 core flat PVC sheathed submersible pump cable maufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 to IS 8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100 volts with specified IS 694:1990 and confirming to the attwached GTP of group A 3CX4.0 sq.mm Complete as per the direction of Engineer in Charge with all lead and Lift	Rmtr	133.00	Rupees One Hundred Thirty Three Only
4	5.00	Providing and fixing in position 50mm Nominal bore non-return valve vertical type of approved make including cost of all materials,labour and HOM of equipment with all leads complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	1410.00	Rupees One Thousand Four Hundred Ten Only
5	5.00	Spplying and fixing 50mm GI Union. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	234.00	Rupees Two Hundred Thirty Four Only
6	5.00	Spplying and fixing 50mm GI Elbow. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	117.00	Rupees One Hundred Seventeen Only
7	5.00	Spplying and fixing 50mm GI Nipple. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	109.00	Rupees One Hundred Nine Only
8	290.00	Spplying and fixing 50mm GI Hose colleres Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	108.00	Rupees One Hundred Eight Only

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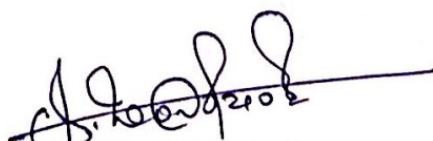
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9	5.00	Supplying and fixing 20" x 20" x 2.5" polished wood board made of not less than 15mm thick plank on both the sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	184.00	Rupees One Hundred Eighty Four Only
10	5.00	Supplying and fixing miniature circuit breakers on existing MCB distribution board using necessary fixing materials and 'C' type curve indicator ON/OFF energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	2488.00	Rupees Two Thousand Four Hundred Eighty Eight Only
11	5.00	Supplying of TPST with rewirable porcelain channels in SM enclosure made out of 14 SWG powder coated point of approved colour 32 amps Complete as per the direction of Engineer in Charge with all lead and Lift.	Nos	1886.00	Rupees One Thousand Eight Hundred Eighty Six Only
12	5.00	Supplying and fixing LED type panel board indicating lamp with required colour suitable for 220 V AC 50 HZ 12/24 V DC Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	451.00	Rupees Four Hundred Fifty One Only
13	5.00	Supplying fully automatic star delta starter unit push button type with suitable wires 2 conductors and adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts phase and wired after fixing to the existing wooden board for motor. upto 12.5HP Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	6707.00	Rupees Six Thousand Seven Hundred Seven Only
14	5.00	Supplying and fixing single phase preventer using necessary wires over an existing panel board suitable for motor up to 20 HP capacities. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	781.00	Rupees Seven Hundred Eighty One Only
15	100.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade multistrand copper conductor single core wire in open or concealed system of wiring as per IS 694:1990 & conforming to the attached GTP of group A. 4 sqmm Complete as per the direction of Engineer in Charge with all lead and Lift	Mtrs	47.00	Rupees Forty Seven Only
16	20.00	Supplying fixing and wiring heavy duty low voltage capacitors conforming to IS 2834 phase 400/440 volts grade, for power factor improvement of rotating machinery	Nos	419.00	Rupees Four Hundred Nineteen Only
17	5.00	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40mm dia 2.90 thick GI pipe 2.5 mtr long buried in a pit... The pit should be filled with equal proportion of salt and charcoal 150mm around the pipe to complete depth. The connection from the to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	3144.00	Rupees Three Thousand One Hundred Forty Four Only
18	40.00	Digging of trench of 0.36mtrs deepx0.5 mtrs wide refilling the trench to the required ground level and consolidating etc., complete Complete as per the direction of Engineer in Charge with all lead and Lift	Mtrs	107.00	Rupees One Hundred Seven Only


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19	50.00	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 4 core 16 sqmm Complete as per the direction of Engineer in Charge with all lead and Lift	Mtrs	157.00	Rupees One Hundred Fifty Seven Only
20	125.00	Labour charge for laying 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe/ on wall / on poles as required in existing trench/duct. 6 sq mm to 16 sq mm Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	12.00	Rupees Twelve Only
21	10.00	Supplying and fixing class-A(medium duty) GI pipe wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1KV class 40mm Complete as per the direction of Engineer in Charge with all lead and Lift	Rmtr	351.00	Rupees Three Hundred Fifty One Only
22	5.00	Supplying and fixing LT cast iron pot heads suitable for 1.1KV class UG cable filled with necessary bitumen / insulating compound complete with terminals, clamps bolts and nuts and washer etc., complete for 16 sq mm as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	283.00	Rupees Two Hundred Eighty Three Only
23	15.00	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. 63 amps Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	238.00	Rupees Two Hundred Thirty Eight Only
24	166.86	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 meters, stacking serviceable and unserviceable materials separately complete as per specifications. MORTH Specification No. 202 Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	999.00	Rupees Nine Hundred Ninety Nine Only
25	250.29	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5 Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	499.00	Rupees Four Hundred Ninety Nine Only
26	1830.00	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (external work) - 50mm nominal OD pipes Complete as per the direction of Engineer in Charge with all lead and Lift	Mtrs	480.00	Rupees Four Hundred Eighty Only


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27	3.00	Making connection of G.I distribution branch with G.I main of 25mm to 40mm Nominal bore, including cutting and threading the pipe providing and fixing Tee, nuts, labour for all item of work, testing and HOM of equipments complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Each	537.00	Rupees Five Hundred Thirty Seven Only
28	20.00	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipe conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC pipe and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). - 20mm nominal OD pipes. Complete as per the direction of Engineer in Charge with all lead and Lift	Mtra	174.00	Rupees One Hundred Seventy Four Only
29	470.00	Providing and fixing to wall, ceiling and floor Medium density polyethylene pipes 6.00 kg/sq cm working pressure 20mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No KRS 13.2, 15.1 / 13.9 Complete as per the direction of Engineer in Charge with all lead and Lift	Mtra	143.00	Rupees One Hundred Forty Three Only
30	175.20	KSRB 2-4 Refilling available around earth pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. And lift upto 1.5m. Including cost of all labour complete as per specifications Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	134.00	Rupees One Hundred Thirty Four Only
31	241.95	Loading and unloading of stone boulder/stone aggregates/sand/kanker/moorum. KSRRB M100-1: Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specification NORTH Chapter 1. Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	100.00	Rupees One Hundred Only
32	5.00	KSRB 2-4 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Each	1932.00	Rupees One Thousand Nine Hundred Thirty Two Only
33	5.00	KSRB 13-6.2-1 : Providing and fixing in position brass stop cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Each	157.00	Rupees One Hundred Fifty Seven Only


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34	125.14	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	5668.00	Rupees Five Thousand Six Hundred Sixty Eight Only
35	125.14	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M 20 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for foundations & sub-structure works with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	6075.00	Rupees Six Thousand Seventy Five Only


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